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Department of Master of Computer Applications

20MCA 36 – Minor Project – Phase II Review

e-Resources Website for Rvce Using SOA

Under the Guidance

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Agenda

- Incorporation of Suggestions of previous review
- Objectives
- Functional Requirements (Modules description)
- Non-functional Requirements (Relevant to the project)
- Architectural Design
- Modules identified
- System Design
- Implementation

Objectives

- Collecting the Resources from main library
- Creation of web application using SOA Pattern
- Performing CRUD operation on the resources through the web application.

- Module Specification

Frontend Module

- Input - Interface for downloading resources
- Process - Fetching the file from Database to the download module
- Output - Displaying the downloaded file to the Student.

- Module Specification

Backend Module

- Input – Admin providing resources .
- Process – Uploading the resources on the database.
- Output - Displaying the resources on the user interface.

Availability :

Resources will be 24/7 available on the website

Security :

Only valid user will be having access to login and access the resources.

Maintainability:

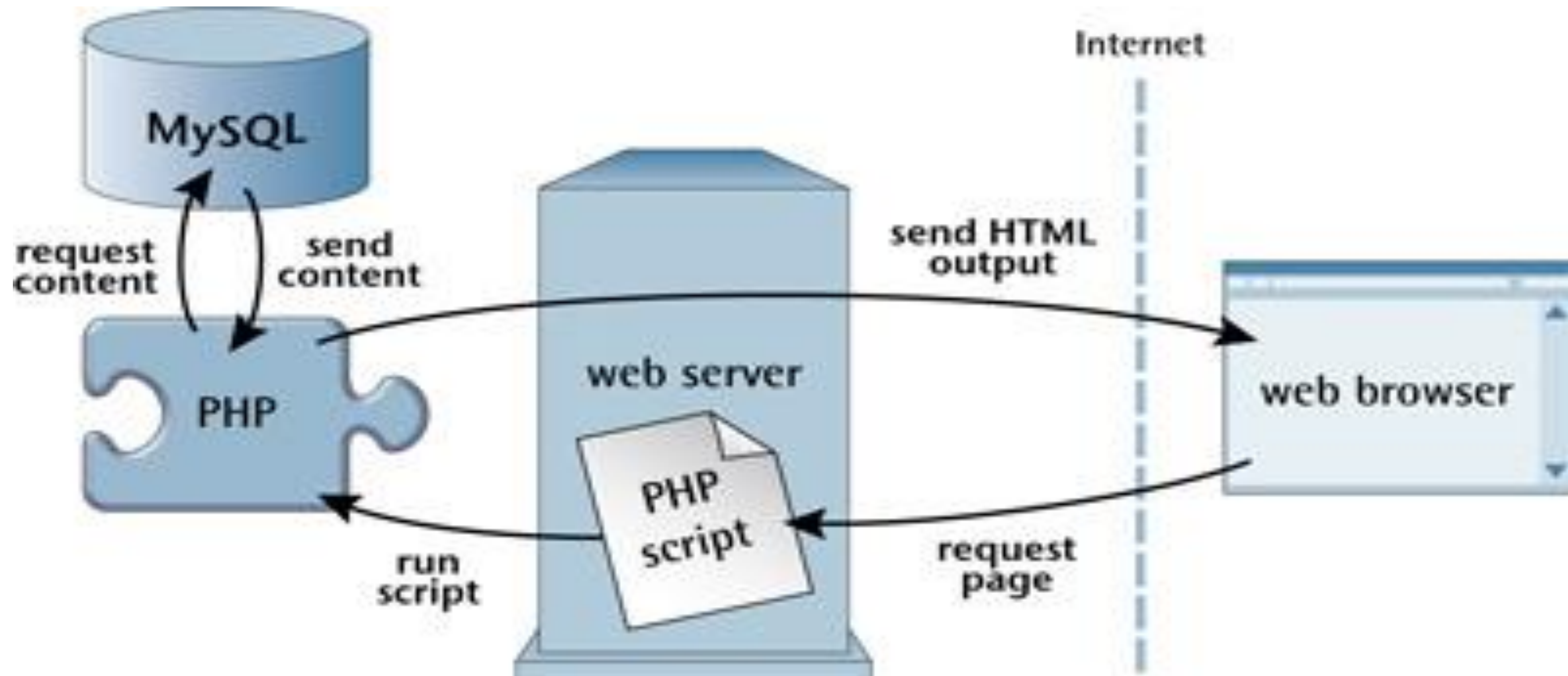
Its easy to maintain the resources.



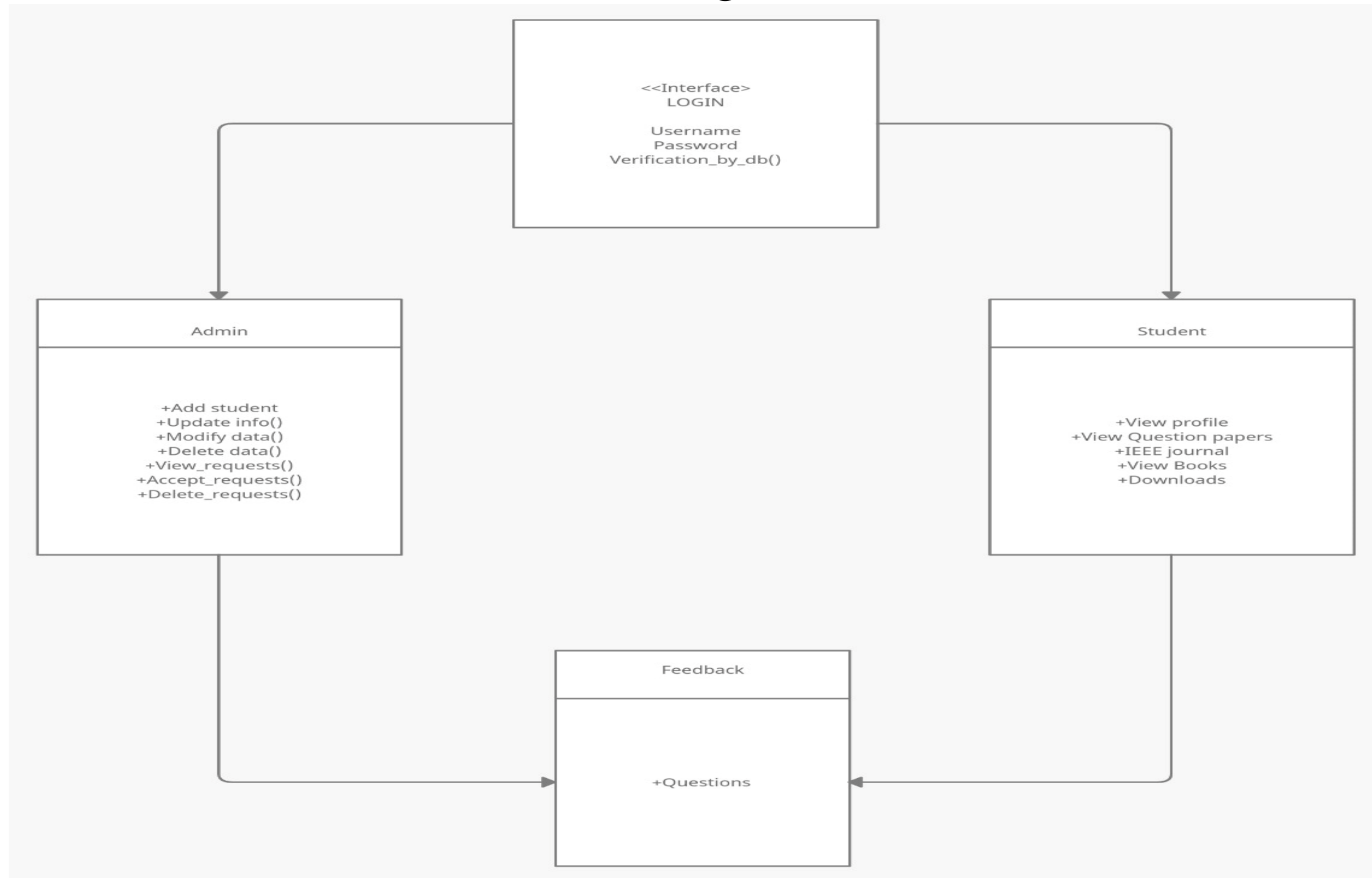
Safety :

Students authentication will not be shared to others.

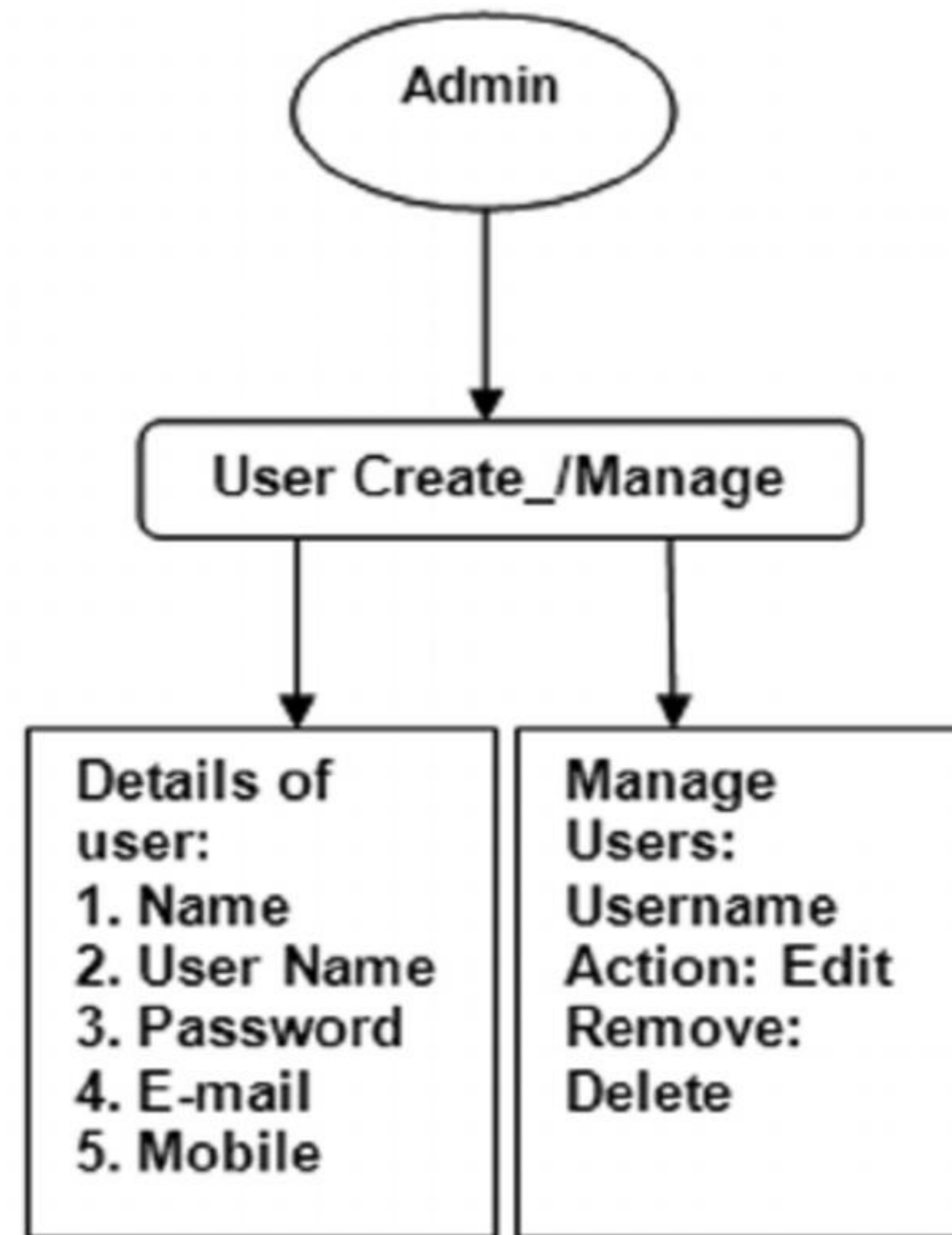
Architectural Design



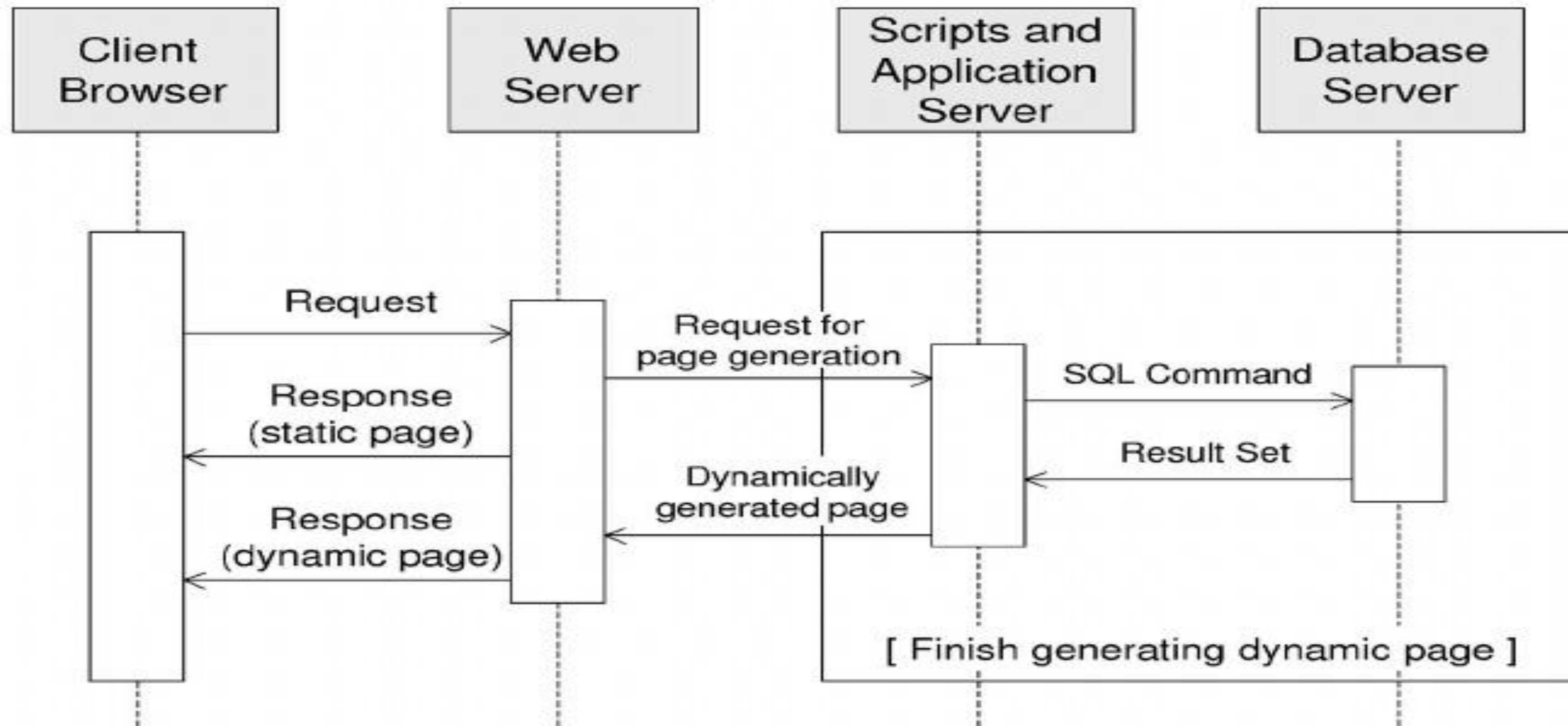
UML diagram



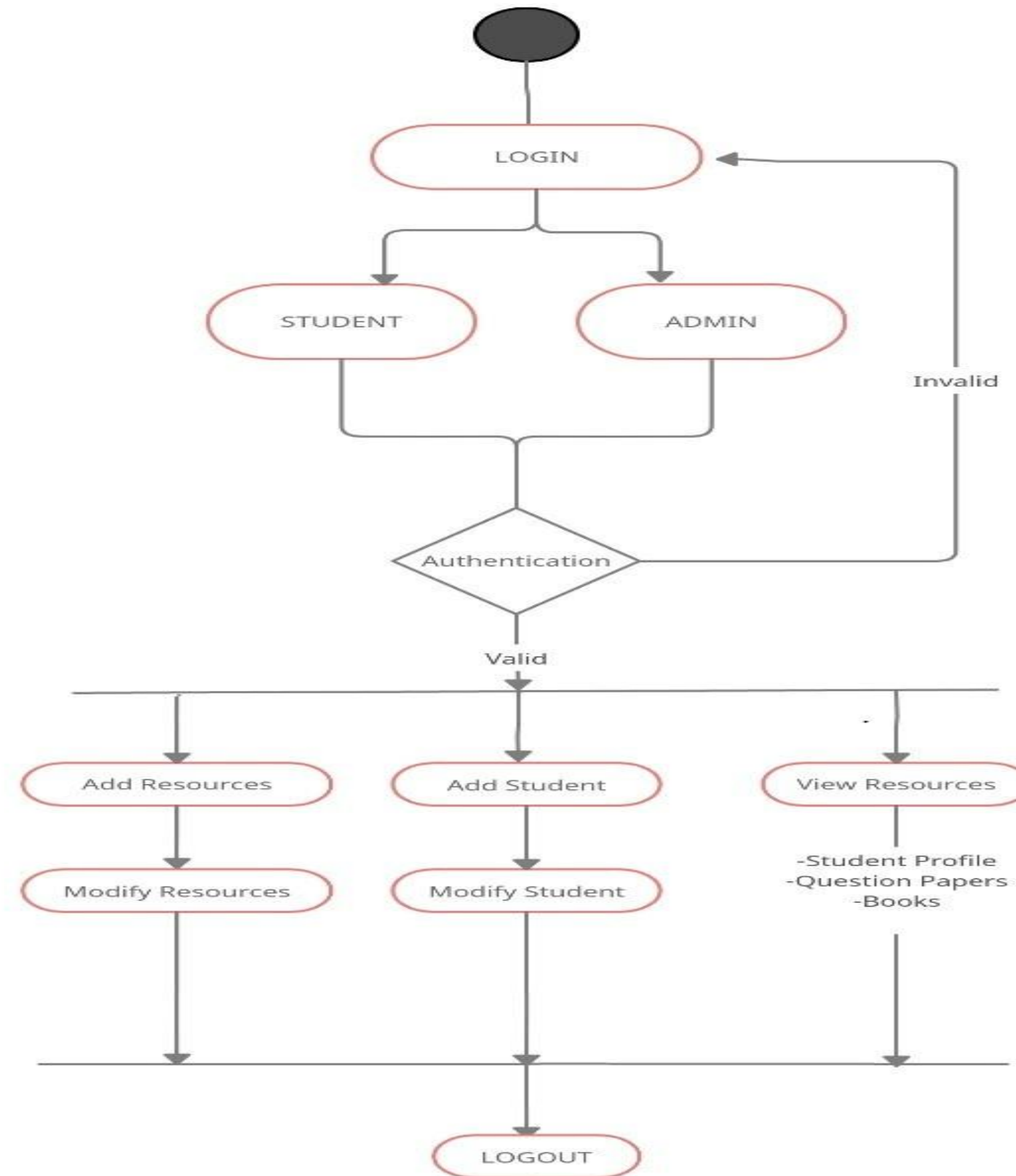
Data flow diagram



Sequence diagram



Activity diagram



- Resources has been collected.
- A Graphical User Interface has been created for user.
- Database has been connected to user interface.




Browser tabs: Welcome to XAMPP, localhost/rvceweb/login1.html

Address bar: localhost/rvceweb/login1.html



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Student Login


Admin Login

Windows taskbar: Search bar, taskbar icons (File Explorer, Edge, VS Code, Chrome, PowerPoint, Firefox, XAMPP, Mail), system tray (23°C, 07:51, 14-12-2021, ENG, 2 notifications)

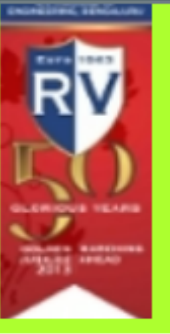


Browser tabs: Welcome to XAMPP, localhost/rvceweb/login2.html

Address bar: localhost/rvceweb/login2.html



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Sign in

Email

Password

☐ Remember password

Login

Windows taskbar: Type here to search, 07:51, 14-12-2021

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